FLOUNDER TAGS

2492

# R/V DAN MOORE STATION LOG

| VESSEL (1) | STATION (2-5) | CRUISE NO. (6-8) | MO. DAY YEAR (9-14) | GRID (15-17) | LATITUDE (18-21) | LONGITUDE (22-25) |
|---|---|---|---|---|---|---|
| M | 2492 | 032 | 05 14 74 | 25AK | 3504 | 7556 |

| DEPTH (26-29) | SUR. TEMP. (30-31) | BTM TEMP. (32-33) | AIR TEMP (34-35) | BAROMETER (36-38) | BT (39) | WIND DIR. (40-41) | WIND SPD. (42-43) |
|---|---|---|---|---|---|---|---|
| 0008 | 22 | — | 23 | 027 | N | SE | 10 |

| S.C. (44) | WEA. (45-46) | BTM TYPE (47-48) | BTM REG (49) | GEAR TYPE (50-51) | GEAR SIZE (52-54) | OP (55) | TM. START (56-57) | MIN. FISHED (58-60) |
|---|---|---|---|---|---|---|---|---|
| 1 | PC | SA | 5 | FT | 070 | — | 10 | 030 |

| RIG (61-62) | TOTAL FINFISH (63-67) | TOTAL CRUSTACEANS (68-71) | TOTAL SHELLFISH (72-75) | TOTAL OTHER (76-80) |
|---|---|---|---|---|
| 01 | 00400 | — | — | — |

| RIG (61-62) | TOTAL FINFISH (63-67) | TOTAL CRUSTACEANS (68-71) | TOTAL SHELLFISH (72-75) | TOTAL OTHER (76-80) |
|---|---|---|---|---|
| — | — | — | — | — |

| POSITION | LATITUDE | LONGITUDE | LORAN | | DEPTH fms | C/C | TIME ON STATION | |
|---|---|---|---|---|---|---|---|---|
| | | | 3H6 | 3L1 | | | PO | DO |
| START | 35° 04' | 75° 56' | 1270 | 4838 | 8 | | 0954 | 0955 |
| | | | | | | | PU | ON |
| FINISH | 35° 06' | 75° 54' | 1250 | 4838 | 8 | | 1025 | 1029 |

| LENGTH WARF | SHIFT RPM | PITCH | GEAR DATA: |
|---|---|---|---|
| 100 | 1150/2 / 5 | 50 | |

SPECIAL MODIFICATIONS

OPERATIONAL COMMENTS

OBSERVATIONS

P. dentatus - few
Anadromous - negative

R/V DAN MOORE SPECIES LIST

STA. NO. 2492 DATE May 14 19 74 BIOLOGISTS BFH, ABP

TOT.CATCH WT. 400 Finfish: 400 Crust.: - Moll.: - Other -

AIR 23C SURFACE 22C

| SPECIES | CODE | NUMBER | WEIGHT | DATA TAKEN | REMARKS |
|---|---|---|---|---|---|
| Cynoscion regalis | | | | | |
| Gymnura altavela | | | | | |
| Myliobatis freminvillei | | | | | |
| Dasyatis sp. | | | | | |
| Leiostomus xanthurus | | | | | |
| Paralichthys dentatus | | 14 | | ✓ | |
| Raia eglanteria | | | | | |
| Menticirrhus americanus | | | | | |
| Peprilus triacanthus | | | | | |
| Arenosaggus probatocephalus | | | | | |
| Prionotus evolans | | | | | |
| Sphaeroides maculatus | | | | | |
| Scopthalmous aquousus | | | | | |
| Ancylopsetta quadrocellata | | | | | |
| Balistes capriscus | | | | | Kept UNC # 9077 |
| Orthopristis chrysopterus | | | | | |

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Area III

# ANADROMOUS FISH TAGGING & RELEASE DATA

Station No. 2492

Date 14 May 74

Area of Release 35° 09' W 75° 48' N

LORAN Start _____ _____

Finish _____ _____

Tot. Fish Captured 14

Tot. Fish Tagged 13

No. Retained for analysis 1

Gear Type Yankee #41

End of 2493

| TAG. NO. | Weight Lbs. | Weight Ozs. | F.L. (cm) | Species | Remarks |
|---|---|---|---|---|---|
| F2719 | | | 266 | P.d. | |
| F2720 | | | 272 | | |
| F2721 | | | 403 | | |
| F2722 | | | 407 | | |
| F2723 | | | 265 | | |
| F2724 | | | 213 | | |
| F2725 | | | [illegible] | | |
| F2726 | | | [illegible] | | |
| F2727 | | | [illegible] | | |
| F2728 | | | 209 | | |
| F2729 | | | [illegible] | | |
| F2730 | | | 232 | | |
| F2731 | | | 238 | | |

# Length-frequency distribution

Species: P. dentatus

Date: 14 May 74

Station: 2492

Locality:

| T.L. | Unsexed | ♂ |
|---|---|---|
| 100-109 | | |
| 110- | | |
| 120- | | |
| 130- | | |
| 140- | | |
| 150- | | |
| 160- | | |
| 170- | | |
| 180- | | |
| 190- | | |
| 200- | II (2) | |
| 210- | II (2) | (1) |
| 220- | | |
| 230- | II (2) | |
| 240- | III (3) | |
| 250- | | |
| 260- | II (2) | |
| 270- | | |
| 280- | | |
| 290- | | |
| 300- | | |
| 310- | | |
| 320- | | |
| 330- | | |
| 340- | | |
| 350- | | |
| 360- | | |
| 370- | | |
| 380- | | |
| 390- | | |
| 400- | II (2) | |
| 410- | | |
| 420- | | |
| 430- | | |
| 440- | | |
| 450- | | |
| 460- | | |
| 470- | | |
| 480- | | |
| 490- | | |
| 500- | | |
| 510- | | |
| 520- | | |
| 530- | | |
| 540- | | |
| 550- | | |
| 560- | | |
| 570- | | |
| 580- | | |
| 590- | | |

| T.L. |
|---|
| 600- |
| 610- |
| 620- |
| 630- |
| 640- |
| 650- |
| 660- |
| 670- |
| 680- |
| 690- |
| 700- |
| 710- |
| 720- |
| 730- |
| 740- |
| 750- |

Unsexed - 13
♂ - 1

Total 14

Sheet 1 of 1

Species: *P. dentatus*

| Specimen Number | T.L. | Sex | Otoliths | Gonads | Fecundity | Back-calc. | Age | Gonad Stage | Station Number | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|
| 5-1 | 288 ✓ | ♀ | ✓ | – | – | | | I | 2494 | May 1974/Area III |
| 5-2 | 216 ✓ | ♂ | | – | – | | | – | 2492 | May 1974/Area III |
| 5-3 | 272 ✓ | ♀ | | – | – | | | I | 2501 | May 1974/Area I |